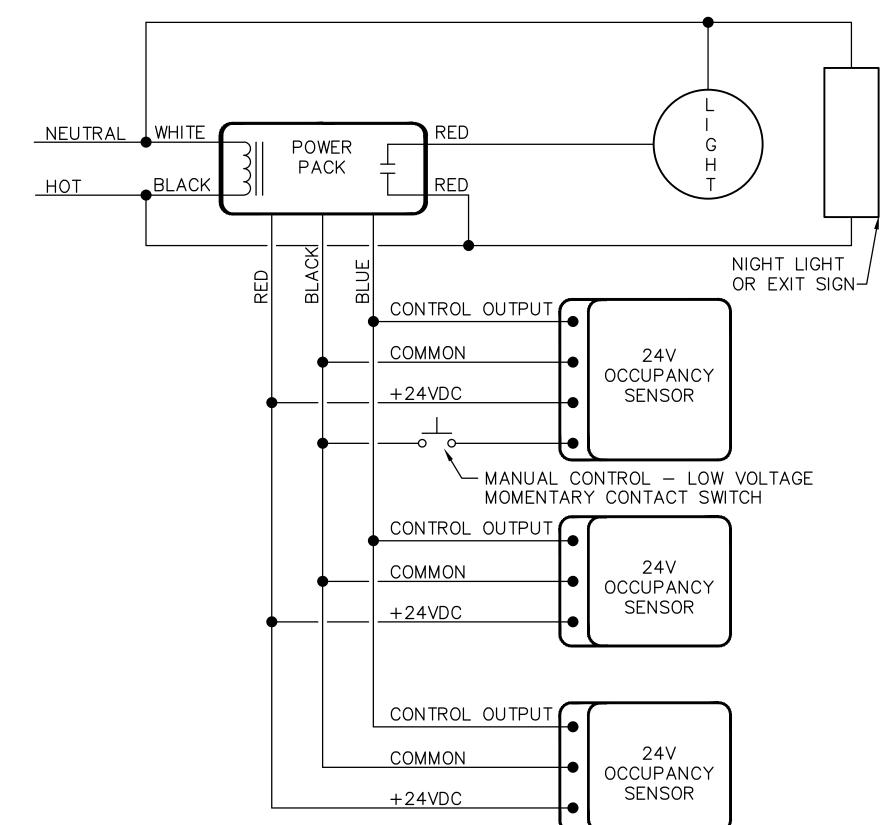
LIGHTING FIXTURE SCHEDULE NOMINAL MANUFACTURER & CAT.#							
TYPE	MOUNTING	VOLTS	LAMPS NUMBER & TYPE	FIXTURE WATTS	(OR APPROVED EQUAL)	DESCRIPTION	NOTE
A1	RECESSED	277	LED	38.1	METALUX 22AC-LD4-38-UNV-L835-SD1	2' X 2' LED FULL DISTRIBUTION LUMINAIRE WITH ELECTRONIC DRIVER.	-
A2	RECESSED	277	LED	44.0	METALUX 22AC-LD4-44-UNV-L835-SD1	2' X 4' LED FULL DISTRIBUTION LUMINAIRE WITH ELECTRONIC DRIVER.	-
А3	RECESSED	277	LED	68.0	METALUX 22AC-LD4-68-UNV-L835-SD1	2' X 4' LED FULL DISTRIBUTION LUMINAIRE WITH ELECTRONIC DRIVER.	-
В	SURFACE	120	LED	12" - 4W 21" - 7W 24" - 8W 33" - 12W 42" - 15W	HALO HU10 SERIES	LED UNDERCABINET WITH FROSTED GLASS DIFFUSER AND ELECTRONIC DRIVER	1
C1	RECESSED	277	LED	32.0	METALUX 2GR-LD1-32-A125-UNV-L835-SD1	2' X 2' LED WITH 0.125 INCH THICH ACRYLIC PRISMATIC LENS AND ELECTRONIC DRIVER	2
C2	RECESSED	277	LED	48.6	METALUX 2GR-LD1-48-A125-UNV-L835-SD1	2' X 4' LED WITH 0.125 INCH THICH ACRYLIC PRISMATIC LENS AND ELECTRONIC DRIVER	-
C3	RECESSED	277	LED	64.7	METALUX 2GR-LD1-64-A125-UNV-L835-SD1	2' X 4' LED WITH 0.125 INCH THICH ACRYLIC PRISMATIC LENS AND ELECTRONIC DRIVER	-
C4	RECESSED	277	LED	85.0	METALUX 2GR-LD1-85-A125-UNV-L835-SD1	2' X 4' LED WITH 0.125 INCH THICH ACRYLIC PRISMATIC LENS AND ELECTRONIC DRIVER	-
D1	RECESSED	277	LED	14.4	POTRFOLIO LD6A10D010TE-ERM6A10835-6LM1LI	8 INCH DIAMETER OPEN LED DOWN LIGHT WITH CLEAR ALZAK REFLECTOR AND ELECTRONIC DRIVER	3
D2	RECESSED	277	LED	21.0	POTRFOLIO LD6A20D010TE-ERM6A20835-6LM1LI	8 INCH DIAMETER OPEN LED DOWN LIGHT WITH CLEAR ALZAK REFLECTOR AND ELECTRONIC DRIVER	3
D3	RECESSED	277	LED	26.5	POTRFOLIO LD6A20D010TE-ERM6A20835-6LM1LI	8 INCH DIAMETER OPEN LED DOWN LIGHT WITH CLEAR ALZAK REFLECTOR AND ELECTRONIC DRIVER	3
D4	RECESSED	277	LED	38.8	POTRFOLIO LD6A30D010TE-ERM6A30835-6LM1LI	8 INCH DIAMETER OPEN LED DOWN LIGHT WITH CLEAR ALZAK REFLECTOR AND ELECTRONIC DRIVER	3
E	UNIVERSAL	277	LED	5.0	SUREILTES CX7 SERIES	LED EXIT LIGHT WITH BRUSHED ALUMINUM STENCIL FACE, RED LETTERS, UNIVERSAL ARROWS, UNIVERSAL MOUNTING AND BLACK HOUSING.	_
F	WALL	277	LED	10.0	DAYOLITE CRESL-A-DI-35-SO-2-WM-W-U	2' DIRECT / INDIRECT CRESCENT SHAPED LED WITH ACRYLIC SHIELDING TOP & BOTTOM, WHITE FINISH AND ELECTRONIC DRIVER. MOUNTED ABOVE MIRRORS.	4
Н	RECESSED	277	2-26W - CFL	60.0	POTRFOLIO CD6226E-6CLH2261LI-G4	6 INCH DIAMETER COMPACT FLUORESCENT ENCLOSED AND GASKETED DOWN LIGHT WITH CLEAR FRESNEL LENS, GASKETED TRIM RING AND ELECTRONIC BALLAST	-
L	RECESSED	277	2-18W, CFL	40.0	POTRFOLIO CD6118E-6CH142W-L1	7 INCH DIAMETER OPEN DOWN LIGHT WITH TWIN DUAL LAMPS, CLEAR OVERLAP REFLECTOR/FLANGE AND ELECTRONIC BALLAST	-
L1	RECESSED	277	2-18W, CFL	40.0	POTRFOLIO CD6218E-6CH226W-L1	7 INCH DIAMETER OPEN DOWN LIGHT WITH TWIN DUAL LAMPS, CLEAR OVERLAP REFLECTOR/FLANGE AND ELECTRONIC DIMMING BALLAST	-
M1	RECESSED	277	2-U32W, T-8	70.0	METALUX 2RDI-S-2BX40	2' X 2' FLUORESCENT CENTER BASKET TROFFER, 22GA DIE- FORMED HOUSING, WHITE PERFORATED DIFFUSER AND PROGRAMMED START ELECTRONIC BALLAST	2
M3	RECESSED	277	3-32W, T-8	90.0	METALUX 2RDI-332RP	2' X 4' FLUORESCENT CENTER BASKET TROFFER, 22GA DIE- FORMED HOUSING, WHITE PERFORATED DIFFUSER AND PROGRAMMED START ELECTRONIC BALLAST	2
N	PENDANT	TBD	LED	43.5	VIBIA - RHYTHM MODEL REFERENCE 2130	DECORATIVE LED WITH FROSTED ADJUSTABLE LENS MODULES AND LED ARRAYS. FINISH MATTE OFF-WHITE.	-
Р	PENDANT	277	LED	42W	CORELITE J2-WL-2L35-1C-UNV-4	4' LONG PENDANT MOUNTED SEMI-INDIRECT LED WITH 35% UP LIGHT / 65% DOWN LIGHT, 1000 LUMENS PER FOOT, 3500 KELVIN COLOR TEMPERATURE, WHITE FINISH AND 277 VOLT DIMMABLE DRIVER.	-
P1	PENDANT	277	F-54, T-5 HO	175.0	CORELITE J2-WL-3T5-1D-UNV-AC48-XX-4-DL3	4' LONG PENDANT MOUNTED SEMI-INDIRECT LED WITH 15% UP LIGHT / 85% DOWN LIGHT, 3500 KELVIN COLOR TEMPERATURE, WHITE FINISH AND 277 VOLT DIMMABLE BALLAST.	1
R	WALL	277	LED	42W PER 4'	CORELITE JAYLUM J2W-WM-2L35-1C-UNV-SU-WA	WALL MOUNTED SEMI-DIRECT LED WITH 80% DOWN LIGHT / 20% UP LIGHT, 1000 LUMENS PER FOOT, 3500 KELVIN COLOR TEMPERATURE, FLAT BALDE LOUVERS, WHITE FINISH AND 277 VOLT DRIVER. FIXTURE SHALL BE CONTINUOUS RUN OF 8' & 4' LEGNTHS AS INDICATED ON THE DRAWINGS.	
Т	RECESSED	277	F40TT, CFL	160.0	FAILSAFE MPR-G-640BX	MULTI-FUNCTIONAL COMPACT FLUORESCENT EXAM ROOM LIGHT WITH THREE LIGHTING MODES, 1) EXAM LIGHT, 2) READING LIGHT, 3) GANERAL AMBIANT LIGHT. PROVIDE WITH ELECTRONIC BALLASTS AND LOW VOLTAGE CONTROLLER.	-

FIXTURE TYPE 'C1', 'M1', 'M3' - PROVIDE SUITABLE MOUNTING IN (G) GRID LAY-IN TYPE CEILING OR (F) FLANGE TYPE DRYWALL CEILING. COORDINATE FIXTURE AND CEILING TYPES AS INDICATED ON THE DRAWINGS.

CONSULTANTS:

- FIXTURE TYPE 'D2,3,4' PROVIDE WITH (DM) DIMMING TYPE BALLAST WHERE DIMMER TYPE CONTROL SWITCHES ARE INDICATED ON THE DRAWINGS.
- PROVIDE WITHOUT SWITCH AND CONVENIENCE OUTLET.

4 ...



24V DC VACANCY SENSOR WIRING DETAIL

NO SCALE

- 1. THREE SENSORS SHOWN FOR REFERENCE ONLY. ACTUAL NUMBER OF SENSORS AS SHOWN ON THE DRAWINGS. POWER PACK SHALL BE LOCATED IN THE AREA THAT IT SERVES ABOVE AN ACCESSIBLE
- 2. LOW VOLTAGE MOMENTARY CONTACT SWITCH SHALL BE WIRED IN ROOMS WHERE SHOWN ON THE FLOOR PLANS. SWITCH SHALL TURN LIGHTS "ON" AND VACANCY SENSOR SHALL TURN LIGHTS "OFF". SWITCHES SHALL NOT BE USED IN CORRIDORS, STAIRWELLS AND
- 3. SEE PLANS FOR LOW VOLTAGE SWITCH LOCATION. PROVIDE LOW VOLTAGE WIRING AS REQUIRED BY THE MANUFACTURER AND INSTALL RACEWAY.

GENERAL NOTES - TELE/COMM:

- 1. ALL DATA/COMM OUTLET LOCATIONS SHALL BE SERVED WITH A TRIPLEX CAT6 CABLE THAT SHALL CONSIST OF 2 DATA AND 1 VOICE CABLES.
- 2. DATA-1 CABLE SHALL BE ORANGE CAT6.
- 3. DATA-2 CABLE SHALL BE YELLOW CAT6.
- 4. VOICE CABLE SHALL BE WHITE CAT6.
- 5. JACKS AND FACE PLATE SHALL BE PANDUIT GIGA-JACK BRAND, PART NUMBERS CJ5E88TOR (ORANGE JK), CJ5E88TYL (YELLOW JK), CJ5E88TWH (WHITE JK) WITH FACE-PLATES- CFPE4EIY. 1 MINI COMM BLANK SHALL BE PLACED IN THE OPEN PORT.
- 6. DATA-1 AND DATA-2 SHALL BE ON SEPARATE CAT6 PATCH PANELS.

OVER TO THE VA TELECOM DEPARTMENT FOR REVIEW AND APPROVAL.

- 7. ALL CABLES SHALL BE RUN UP INTO INTERSTITIAL SPACE VIA EXISTING COMMUNICATIONS WIREWAYS TO DATA/VOICE CLOSET. PROVIDE A 10' SERVICE LOOP TO BE LEFT ON CABLE TRAY. VOICE CABLES SHALL BE TERMINATED ON (CAT6) 110 BLOCKS AND C4 CLIPS ON EXISTING BACK BOARD. ALL LOCATIONS SHALL BE LABELED WITH THE IDF ROOM NUMBER AND PORT #.
- 8. ALL CABLES SHALL BE TESTED TO CAT6E STANDARDS. TEST RECORDS SHALL BE TURNED
- 9. ALL CABLE RUNS SHALL BE SELF-SUPPORTED VIA J HOOKS OR APPROVED HANGERS PRIOR TO ENTERING THE INTERSTITIAL SPACE.
- 10. ANY PENETRATIONS SHALL BE FIRE STOPPED BY THE CONTRACTOR.
- 11. FOR EACH TRIPLEX LOCATION INSTALLED PROVIDE A 12' PATCH CABLE AT THE JACK LOCATION AND A 6' PATCH CABLE AT THE PATCH PANEL END. PATCH CABLES TO MATCH THE JACK COLOR.
- 12. VENDOR REPRESENTATIVES AND TECHNICIANS SHALL BE BICSI TRAINED, CERTIFIED AND AUTHORIZED TO PERFORM ALL INSTALLATION TASKS.
- 13. VENDOR SHALL PROVIDE ALL NECESSARY TRANSPORTATION, PARTS, SUPPLIES, MATERIALS AND LABOR TO ACCOMPLISH ALL TASKS.
- 14. WORK TO BE ACCOMPLISHED SHALL BE TO PERFORM ALL INSTALLATION TO THE MANUFACTURER'S SPECIFICATIONS OF NORMAL OPERATING PARAMETERS AND SAFETY
- 15. ALL WARRANTY OF SAID WORK SHALL BE FOR A PERIOD OF 1 YEAR FROM DATE OF FINAL ACCEPTANCE BY THE VA.

1. THE INTERCOM AND WIRELESS ROUTER SYSTEMS ARE CURRENTLY BEING UPDATED AND INSTALLED AT THE TIME OF THIS DESIGN. DRAWINGS OF THESE SYSTEMS HAVE NOT BEEN PROVIDED AS OF THIS SUBMISSION FOR INCLUSION OF THE SET. SEE DRAWING ED-105, GENERAL NOTE 4 AND DRAWING EP-101, GENERAL NOTE 2 FOR ADDITIONAL INFORMATION.

ELECTRICAL LEGEND **DESCRIPTION** <u>SYMBOL</u> LIGHTING FIXTURE - COMPACT FLUORESCENT OR LED - CEILING, WALL MOUNTED - TYPE AS INDICATED • • LIGHTING FIXTURE ON EMERGENCY OR NIGHT LIGHT CIRCUIT EXIT LIGHT — CEILING, WALL MOUNTED — SHADED AREA INDICATES ILLUMINATED FACE - PROVIDE DIRECTIONAL ARROWS AS INDICATED – WALL MOUNTING HEIGHT 7'-6" S,S₂,S₃,S₄,S_a SWITCH — SINGLE POLE, DOUBLE POLE, THREE WAY, FOUR WAY, SUBSCRIPT DENOTES OUTLETS CONTROLLED — MOUNTING HEIGHT 4'—0" DIMMING SWITCH - MOUNTING HEIGHT 4'-0" DUPLEX RECEPTACLE - 20A., 125V. - MOUNTING HEIGHT 18" UNLESS NOTED OTHERWISE DUPLEX RECEPTACLE - 20A., 125V. - MOUNTING HEIGHT 18" UNLESS NOTED OTHERWISE ON EMERGENCY

SHALL BE RED. GFI RECEPTACLE - 20A., 125V. - MOUNTING HEIGHT 18" UNLESS NOTED OTHERWISE

CIRCUIT. DEVICE AND DEVICE PLATE COLOR SHALL

DOUBLE DUPLEX RECEPTACLE - 20A., 125V. - MOUNTING

HEIGHT 18" UNLESS NOTED OTHERWISE CEILING RECEPTACLE - 20A., 125V. - DUPLEX - FLUSH IN CEILING

SPECIAL PURPOSE RECEPTACLE — FLOOR, WALL MOUNTED - TYPE AS INDICATED OR SCHEDULED - MOUNTING HEIGHT 18" UNLESS NOTED OTHERWISE

TWO CHANNEL POWER/DATA COMM POLE CLOCK HANGER/OUTLET - TYPE AND MOUNTING AS NOTED OF

TELEPHONE OUTLET — WALL MOUNTED

- MOUNTING HEIGHT 18" UNLESS NOTED OTHERWISE

DATA OUTLET — WALL MOUNTED - MOUNTING HEIGHT 18" UNLESS NOTED OTHERWISE

TELEPHONE/DATA OUTLET - WALL MOUNTED

- MOUNTING HEIGHT 18" UNLESS NOTED OTHERWISE JUNCTION BOX - CEILING, WALL MOUNTED - SIZE PER NEC

PANELBOARD - TYPE AS NOTED - MOUNTING HEIGHT 6'-6" TO TOP

SPECIAL CABINET - TYPE AS NOTED CONDUIT - IN OR ON CEILING OR WALLS / CONDUIT - IN OR UNDER FLOOR

OR AS INDICATED

HOMERUN TO PANEL - NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS AND NUMBER OF CROSSLINES INDICATES NUMBER OF #12 PHASE & NEUTRAL CONDUCTORS - WHERE NO CROSSLINES APPEAR 2#12 CONDUCTORS ARE IMPLIED. GROUND WIRE IS NOT SHOWN BUT REQUIRED. PROVIDE #12 GROUND

WIRE UNLESS OTHERWISE INDICATED.

CONDUIT - EXISTING

CONDUIT - TURNING UP OR DOWN AS REQUIRED TELEVISION ANTENNA OUTLET - 75 OHM COAXIAL

 MOUNTING HEIGHT 18" MOTOR - HORSEPOWER AS NOTED

SPEAKER - CEILING, WALL - 'F' DENOTES FIRE ALARM SPEAKER SYSTEM DEVICE

NURSE CALL DUTY STATION - MOUNTING HEIGHT 4'-6" NURSE CALL PATIENT LIGHT - CEILING MOUNTED

NURSE CALL MASTER STATION

NURSE CALL EMERGENCY TOILET STATION - MOUNTING HEIGHT 2'-0"

SWITCH/VACANCY SENSOR - WALL MOUNTED MOUNTING HEIGHT 4'-0"

VACANCY SENSOR - CEILING MOUNTED VACANCY POWER PACK - TYPE AS NOTED

	ABB	<u>ABBREVIATIONS</u>					
	Α	AMPERE					
A TED	AC	ALTERNATING CURRENT					
ATED	ACU	AIR CONDITIONING UNIT					
	AFF	ABOVE FINISHED FLOOR					
	AFG	ABOVE FINISHED GRADE					
	AIC	AMPERES INTERRUPTING CAPAC					
	AL	ALUMINUM					
	ATS	AUTOMATIC TRANSFER SWITCH					
	AUX	AUXILIARY					
	BKR	BREAKER					
	С	CONDUIT					
	CAT	CATALOG					
	CB	CIRCUIT BREAKER					
		CLOSED CIRCUIT TELEVISION					
	CLF	CURRENT LIMITING FUSE					
	CLG	CEILING					
	DISC	DISCONNECT					
	EF	EXHAUST FAN					
	EMT	ELECTRICAL METALLIC TUBING					
	EX	EXISTING					
	F 	FUSED OR FUSIBLE					
	FLA	FULL LOAD AMPERES					
	GFI	GROUND FAULT INTERRUPTER					
	GRD	GROUND					
		HIGH INTENSITY DISCHARGE					
		HAND-OFF-AUTOMATIC					
		HORSEPOWER					
	HZ	HERTZ					
		INTERMEDIATE METAL CONDUIT					
		JUNCTION BOX					
		THOUSAND CIRCULAR MILS					
		KILO-VOLTS AMPERES					
	KW	KILO-VOLTS-AMPERES KILOWATTS					
		KILOWATTS KILOWATT HOURS					
	LTG						
_		MINIMUM					
)R		MISCELLANEOUS					
		MAIN LUGS ONLY					
	MOD						
		MOUNTED					
	NC	NORMALLY CLOSED					
		NATIONAL ELECTRICAL CODE					
	NF	NON-FUSED					
	NIC						
	NL	NIGHT LIGHT					
	OH	OVERHEAD					
	Р	POLE (1P., 2P., 3P.)					
	RPM	REVOLUTION PER MINUTE					
	RX	REMOVE EXISTING					
	SPD	SURGE PROTECTIVE DEVICE					
	SPECS	SPECIFICATIONS					
	TEL	TELEPHONE					
	TV	TELEVISION					
	TVSS	TRANSIENT VOLTAGE —					
		SURGE SUPPRESSOR					
	TYP	TYPICAL					
	UL	UNDERWRITERS LABORATORIES					
	UPS	UNINTERRUPTED POWER SUPPL'					
	V	VOLTS					
	W	WATTS					

WATTS

WEATHERPROOF

TRANSFORMER

EXPLOSION PROOF

GENERAL NOTES - INTERCOM & WIRELESS ROUTER SYSTEMS:

FULLY SPRINKLERED 100% SUBMISSION

Project Number

512-14-102



ARCHITECT/ENGINEERS:

3 4 5



Drawing Title Project Title ELECTRICAL, DETAILS AND RENOVATE / BACKFILL **ABBREVIATIONS** ONCOLOGY 2C, Approved: Project Director Location VAMC APPROVED - BY - NAME APPROVED - BY - TITLE/RANK

STATION - MANAGEMENT

6 7

Building Number 3D SLEEP LAB AND MSO Drawing Number BALTIMORE, MD. EI-001 Checked OCTOBER 1, 2014 RJH JEM Dwg. 79 of 98

Office of Construction and Facilities Management

Department of Veterans Affairs

